INDEX.

Aborigines, 4
————, weapons, 153, 325
————, casts, 145
————, *crania*, 513
————, language, 5
Acacia Gunnii, 140
Acradenia Franklineæ, 334
Adderley, earthquake, 360
Ægilops, experiments, 335
Æpyornis maximus, 186
Agriculture, 20
Agri-Horticultural Society of the Punjab, 4, 81
Airey, Professor, letter from, 516
Albatross, 487, 518
Aleutian Isles, curiosities, 325
Algæ, 513, 515
Alyxia buxifolia, 145, 149
America, root extractor of, 523
Amianthus, 165
Aneroid barometer, 167, 315
Antechinus sp., 156
Antelope horns, 336
Antimony, 523
Apple, varieties of, 485
Aprosmictus scapulatus, 518
Apteryx, fossil remains of, 163
Archer, W., M.L.C., microscopical observations, 330, 511, 512
Arctic researches, 338
Argonautus Argo, 441
Asbestos, 157
Ash gum, 136
Asiatic Society, 332, 513
Assays of gold, 154, 484
Astur approximans, 334
—— *Novæ Hollandiæ*, 485
Auroral lights, 161, 310
Australian Geography, 347
———— rocks from Sydney, 318
———— Museum, 332
Autographs, 487
Awamoa, fossil remains, 518

Banks, 16
————, Savings, *ib.*
Barito organicum, 156
Barnard, James, on Statistics, of 1849, 1
————, on Census of 1851, 33, 152
————, on American Census, 372
Beaches, raised, 161
Bedford, E. S. P., on Epidemics, 460, 523
Belgian consul, memorandum from, 523
Benares, shield from, 506
Bengal Asiatic Society, 513
Ben Lomond, vegetation on, 167
————, geology of, 166
Bicheno, J. E. meteorological register-forms, 140
Bidwell, J. C., on introduction of fish, 355
Birds, English, skins, 329
——, gigantic, wingless, 200
——, ditto, bones and eggs, 184
——, Indian, 512
Births, 5
Black Thursday, 418
Blue Gum, enormous plank, 335
————, experiments, 121
————, ravages of insects, 129
————, for ship-building, 135
Boccius, Dr., on introduction of salmon, 323, 444, 514
Bokhara clover, 193
Books, donations of, to Library, (Proceedings), *passim*
Botaurus Australis, bittern, 143
Branchiopoda, 244
Brazil, gold deposits, 173
Bridge, lever, model, 520
British Museum, 311, 321
Brown, J. A., on polar lights, 178
Bulimi, Australian, 183

Burnett, J. L., on introduction of salmon, 288
Butterworth, Hon. Col., letter from, 315

Cabbage-tree, 515
Callocephalon galeatum, 143
Calotype process, 446
Cape pigeons, 518
Carnelian Bay, nondescript fish caught at, 156
Carnivora, 78
Caroline Island, curiosities from, 311
Carpenter, Dr., on Electro-biology, 351
Cartwright, H. D., medicinal teas, 316
Casarca tadornoides, 157
Casts of aborigines, 145
Casuarinæ, 517
Census of 1847, 1
——— of 1851, 33, 152
——— of United States, 372
Cetacea, 78
Chatfield, Mr., shells from, 140
Cheiroptera, 77
Chelonia imbricata, carapace of, 485
Chelonia Novæ Hollandiæ, 313
Children, stature and weight, 172
Chinese silver filagree work, 479
Cheironectes, 139, 147
Circular Head, encroachments of sea, 168
———, mineral springs, 169
———, rare plants, *ib.*
Clarke, Rev. W. B., on gold in Australia, 155
Clavaria crassa, 149
Clay, auriferous, 163, 517
Clay-rock, 488
Clay-schists, 148, 309.
Cloth-like tissue, 139
Coal at Don, &c., 90, 141, 147, 151
—— between Mersey and Don, 141, 487
—— Barrabool Hills, 513, 552
—— Douglas River, 163, 485
—— Kingston, 153
—— Mount Nicholas, 487
—— Port Arthur, 487
Cockatoo, gang-gang, 143
Cocoa-nut, double, 518
Coins and medals presented by—
Capt. Addison, 336
Mr. Brock, 493
Coins and Medals presented by—
Mr. T. Brown, 493
Miss Butterworth, 509
Rev. M. Cohen, 493
Mr. E. Gresley, 320
Mr. J. F. Hues, 506
Mr. Hull, 145, 316
Mr. A. B. Jones, 486
Rev. Dr. Lillie, 316
Mr. H. Murray, 518
Coniferæ, 511
Conularia, 147
Convicts, 31
Copper ore, 150, 157
Corallines, 515
Corchorus capsularis, 158
Courtenay, Mr., on rise of tide at Port Arthur, 481
Crania of aborigines, 335, 513
Cranium, human, 151
——— of wild boar, 320
Crawfurd, Mr. Robert, on flax, 59, 161
Criminal statistics, 28
Crustaceæ from China, 158
Cyclones, 394, 483
Cypræa umbilicata, 147, 196
Cyttaria Gunnii, 336

Daphniadæ, 243, 318
Deaths, 5
Delphinapterus Peronii, 332
Denison, Sir W., on gold, 201, 312
——— on drainage, 361, 516
——— on manure for turnips, 47
——— on culture of potatoes, 52
——— on ravages of *Teredo navalis*, 74
——— on transmuted sand stone, 510
Dentalium, specimens, 141
Diodon, 513
Dobson, Thomas, on hurricanes and volcanoes, 225
——— on cyclones, 394
——— on law of storms, 106
Dome of St. Paul's, 167
Don, River, coal, 90
Drainage and sewerage, 261, 516
Drift-wood, 510
Dromiceia, 157, 170
Duck, Nankin, 484
Dunrobin bridge, model, 139, 482
Dyak gun, 163
Dysodile? 315, 487

Earthquake at New Zealand, 490
———— at Oyster Cove, 481
Earthquakes and volcanoes, 319
———— produce hurricanes, 482
Eastern Marshes, rock formations, 309
Echeneis remora, 336
Echidna setosa, 334
Echini, 482
Eclipses of sun, 273
———— of Jupiter's satellites, 274
Edinburgh, university of, 158
Education, public, 23
Egg, double, 152
Eggs of Tasmanian birds, 324
Electric telegraph, 148, 494
———, inter-colonial, 494
———, estimate of expense, 497
——— report, 496
Electro-biology, 351
Ellis, Sir H., letter from, 147
Emigration, 4
Emu, 170
Entomostraca, 253, 355
Epidemics, 1852-3, 460, 523
———, proposed inquiry, 514
Erskine, Capt, R.N. presentations by, 139
Esquimaux dresses, 308, 490, 517
———— canoe, &c., 490
Eucalypti, experiments, 121
———, papers on, 164, 517
Ewing, Rev. T. J., birds from, 140
Excrescences from trees, 151
Exhibition of 1851, 311, 479
Exocetus volitans, 336
Exports, 10

Fellows, election of, (Proceedings), *passim*
Fenestellæ, 489
Fern leaves from New Town coal seams, 151
Ferns, dried, 515
Fresh-water shells, Calcutta, 333
Fish, nondescript, 332, 334
Flax, 315
——, on cultivation of, 59, 161, 479
Florentine River, geology, 168
Fluor spar, 329
Forbes, Dr., geological specimens from, 317
Fossil wood, 145, 149, 308, 309, 488

Game birds, 324
Gardens, presentations to and from, (Proceedings *assim*
Gardens, fruits from, 312
Geological Society, 313
———— development, 352
———— specimens from Tasmania, remarks on, 424
"Ghurrahs," from Benares, 485
Gold of Australia, 348
——, analysis, 313
——, assays of, 484
——, licences, 568
——, relative values of, 201
——, specimens, 316, 317, 334
——, spurious, 480
—— from Ballarat, 150
—— from Fingal, 312, 325, 484
—— from Ophir, 160
—— from Victoria, 324, 484, 506, 509
—— from Wicklow, 177
—— exhibited, 163
Gordius, 138, 493
Gordon River, specimens, 311
Gorgonia, 198
Gould, J. on Australian Mammalia, 193
Grand Exhibition, 1851, 311, 479
———— ————, statistics, 328
———— ————, prize medals, *ib.* 520
————————, medals and certificates, 490, 520
————————, official catalogues, 520
Granite, 148
Grapes, English, dried, 482
Graves, Mr., on a marl bed, 321
Greenstone, 308, 309
Gunn, R. C., on Tasmanian Mammals, 77, 163
———— on the Flora of New Zealand, 434
———— notes on natural history, 156
Gutta percha, samples, 336

Health and disease, geographical distribution, 180
Hematite, 146, 165, 309, 325
Henwood, W. J., on gold deposits of Brazil, 173
Himantopus leucocephalus, 320
Himalaya, stuffed birds from the, 512
Hobart Town, defences of, 523
Holothuria var., 324
Honestone, 158
Honey-eater, black-headed, 640

Hope Island, weapons from, 517
Houses in the Colony, 3, 39
Hull, Hugh, on gigantic gum-tree, 143
Huon pine, 136
Hurricanes and volcanoes, 225
Hyæna, 310
Hybrid races, fertility of, 182
Hydrocarbon gas for lighting, 168

Ibaëus Peronii, 148
Imports, 8
Industrial Exhibition, 159
Insects from China, 154
Iron-bark timber, 323
Iron pyrites, nodular, 146
—— ———, 143, 160, 163, 317
—— ———, white, 328, 487
—— ore, magnetic, 153
—— glance ore, 160
—— sand, magnetic, 165, 486
Italian rye-grass, culture of, 72, 161

Jackall, 512
Jasper, coarse, 165
Johnston, A. K., on distribution of health and disease, 180
———, J., presentations from, 309

Karosses, Kaffre, 320
Kay, Commander, R. N., Observatory, 264, 337
——, meteorological tables, 292
Kenworthy, Dr., analysis of gold, 313, 325
———————, register of rain, *ib.*
Kilburn, D. T., on Photography, 523
———, exhibits photographs, 516
King, Rev. R. L., on the *Daphniadæ*, 243, 318
Kippist, Mr., letters from, 148, 509

Lands, crown, 19
Lee-chee, a Chinese fruit, 139
Legal statistics, 26
Leopard skins, 320
Library, donations to, (Proceedings), *passim*
Lichens, 515
Light-houses, 16
Lightwood tree, 136
Lignite, 146, 148, 489, 516
Limestone, Maria Island, 147
———, gray, 149
———, blue, 309
Limnoria, its attacks on the blue gum, 121, 130
Linnæan Society, 321, 509
Lithophyte, from Singapore, 154
Lizard from Mount Wellington, 140
Loch, J.D., presentations from, 485
Lyell, Sir C., on geological development, 359
Lynceidæ, 359
Lyne, John, on low wooden bridges, 322

Maclachan, C., agent at Grand Exhibition, 151, 157, 311
Madagascar, gigantic bird of, 184
Mallett, Mr, on minerals of Wicklow, 176
Mammals of Tasmania, 77
Mammalia, Australian, 193
Manna, 485
Mango plants, 482
Mantis in spirits, 143
Manufactures, 17
Manures for turnips, 47
Marriages, 5
Masoolah boat, model, 332
Martynia fragrans, 509
Marsupialia, 80
Maudsley, J., on the *Sphœria*, 149
Medical statistics, 25
Melithreptus melanocephalus, 140
Members, Hon. corresponding, elected, 483
Meridians, chronometric difference of, 275
Meteorology, 31
————, tables, 292
————, instruments, 516
Meyer, J., on Italian rye-grass, 72
Mica sand, 151
Microscopic objects, 160, 517
Milligan, J., on language of aborigines, 513
Mineral specimens, box presented, 143
—— ——— by Rev. Dr. Lillie, *ibid.*
——— water, 50
Mitchell, J., D.A.C.G., on the blue gum, 121
Modiola, cast, 141
Moina, 249
Moloch horridus? 482, 515
Monotremata, 89
Moon culminating star, 268
Moore, Thomas, on geological specimens, 424, 490

Mount Alexander, specimens, 311, 312
—— Picton, clay-rock, 141
—— Wellington, painting of, 333
Mummy wheat, 141
Mummy, linen fragment, 160
Murchison, Sir R., address of, 338
Mus, sp. 156
Museum, presentations to, (Proceedings), *passim*
Myrtle-tree, 137
Mytilaceæ, 146

Nankin bird, 149
Native bread, 332
—— hen, 156
New Guinea, spears from, 336
New Zealand, specimens, 317
—— —— flora of, 434
—— —— fossil remains, 518
—— —— Society, 313
—— ——, earthquake, 490
Norfolk Island, presentations, 506
Nototherium, cranium, 158
Nycticorax Caledonicus, 149

Observatory, geographical position of, 264
——————, longitude, 279
——————, latitude, 280
——————, magnetical observations, 479
Obsidian, 170
Œdicnemus grallarius, 143
Opal, 308
Oranges, speck on, 512
Orchids, drawings, 324
Oreocincla lunulata, 490
Ostracion, 162
Otto, Professor, experiments, 335
Ourali poison, 163
Ouse River, combustible matter from, 154
Owen, Professor, on gigantic birds, 200
Oyster shells, 486

Pecten, fossil, 141
Peel, Sir R., portrait, 151
Pelargonium, 165
Pensions, 7
Pennatula grisea, 148, 311
Phaeton phœnicurus, 489
Phalangista nudicaudata, 194
Photography, 523
Pipe-clay, 146
Plants, new, 334
—— received at Society's Gardens, (Proceedings), *passim.*
—— sent from the Gardens, (ditto), *ditto*
Platina, 177
Polar lights, 178
Pollard, Lieut. R.N., shells, &c. from, 140
Plover, southern-stone, 143
——, spur-winged, 489
Polynesia, decrease in population, 182
Population, 1, 34
——, of United States, 372
Porcupine fish, 482
Porphyrio melanotus, 139
Porphyry, 158, 309
Port Davey, specimens from, 141
Post-offices, 18
Potato, from seed at Society's Gardens, 151
——, on the culture of the, 52
Price, Mr., Norfolk Island, communication from, 506
Primnoa Australasiæ, 198
Pterocera, 151
Pteropus conspicillatus, 194
Ptiloris Victoriæ, 195
Pygoscelis Papua, 160

Quartz, 309, 488
——, auriferous, 157, 160, 162, 163
—— with gold, 489, 509, 517
Queen, the, graciously accepts 1st volume, 142, 311
Quicksilver, reported discovery, 156

Rain, fall of, 325
Rankine, W. J. M., report on electric telegraph, 494
Reindeer, antlers, 309
Religion, statistics, 22
Resin, 511
Revenue and expenditure, 6
Rhine, panorama of, in relief, 486
Richea Milliganii, 334
Ricinula, 317
Robinson, C. A., feathered tippets from, 149
Robson, G., diagram of dredge from, 145
Rock-specimens, 482
Rodentia, 79
Roebuck, head of, 515

Royal Institution, 311
Royal Geographical Society, 311
Russia, resources of, 179
St. Helena, seeds forwarded, 490
Salmon, introduction of, 40, 288, 437, 514
———, artificial propagation of, 507
Sand from Victoria, 513
Sand-stone, 165, 509
———, metamorphic, 165
———, transmuted, 510
Scarlet fever, 460, 552
Schist, ferruginous, 311
———, micaceous, 509
Scolopendra, 336
Seeds, presentation of, (Proceedings), *passim*
Serpentine, 165
Shale, 143, 153, 482
——, bluish, 153
——, combustible, 143
Shark, jaws of, 145, 329, 488
Sheep, effect of climate, 358
She-oak, tuberosities on, 333
———, ditto, drawings, 512
Shell (egg) within a shell, 149
Shells, sea, 139, 149, 150, 332, 479, 482, 517
———, freshwater, 333, 479
———, ferruginous, 146
———, fossil, 506
———, identity of, 146
Shipping, 13
Siam, King of, letter to Colonel Butterworth, 505
Simpson, Dr., on reproduction of limbs, 180
Slate, 158, 164, 166, 484
Smith, A. F., model of telegraph, 515
——, on defences of Hobart Town, 523
Snakes, 310, 488
———, black and white, 160
Society of Arts, 331
South Australia, specimens, 325
Spatangidæ, 189
Sphæria Gunnii, 154, 320
Sphecotheres flaviventris, 196
Spheniscus minor, 140
Spiny lizard, 515
Spirifer, 315
Spring Bay, chalybeate water, 332
Squirrels, flying, 169
Stalactites from Deloraine, 143
Stereoscope, 502
Stilt, white-headed, 320
Stoney, Capt., on American root extractor, 523
———, exhibits model of bridge, 520
Storms, law of, 106, 164, 171, 315
Stringy-bark, 133, 137
Submarine telegraph, 498
Sulphate of magnesia, 162
Sun pictures, 446
Swainson, W., botanical report, 517
Swamp gum, 132
Syncoius sordidus, bird resembling, 148

Talbotype, 512
Tapa cloth, mat, 489
Tasmania, Bishop of, on mummy wheat, 141
Tea-plants, 519
Teas, medicinal, 161
Telegraph staff, model, 515
Teredo navalis, ravages of, on colonial timber, 74, 165
Thibet, wild sheep from, 487
Thrush, mountain, 140
Thylacine, 157
Thylacinus cynocephalus, 184
Tide, rise of, sudden, 481, 483, 512
—, confirmed, 512
Timbers, Tasmanian, 322
Tin ore, 523
Tinstone, 177
Tom Thumb's waistcoat, 493
Trap rocks, vesicular, 146
—— ——, tuffaceous, 165
Trapa bicornis, seed-vessels, 493
Tree lizard, 324
Trees, dead, notice on, 337
Trichechus rosmarus, cranium of, 308
Trichoglossus Australis, 140
Trigla polyommata, 336
Trigonia, 146, 199
Tropic bird, 489
Tui, bird of New Zealand, 151
Turkey-stone, 143
Turnip crop, on manures for, 47
Turtle, hawk's bill, carapace of, 485

Unio sp. 329
United States Census, 333, 372
Ursus maritimus, 309

Vanikolo, curiosities from, 139
Victoria Regia, experiments, 335

Waterloo, musket-ball from, 333
Wathen, G. H., on coal of Victoria, 523
Watson, John, on ship-building timbers, 135
Wavellité, 329
Wheat, samples, 489
Whetslate, 158
Whirlpool Reach, researches after coal, 146
White hawk, 324
Wicklow, minerals of, 176
Wombat, 310
————, marsupium of a, 164
Wooden roads, 151

Xylomelon pyriforme, 154

Zeolite, 162

NATIONAL MUSEUM MELBOURNE

THE END.

H. AND C. BEST, PRINTERS,
DAILY COURIER OFFICE, COLLINS STREET,
TASMANIA.

S1533